TF.Data

Mì AI

Train model problems
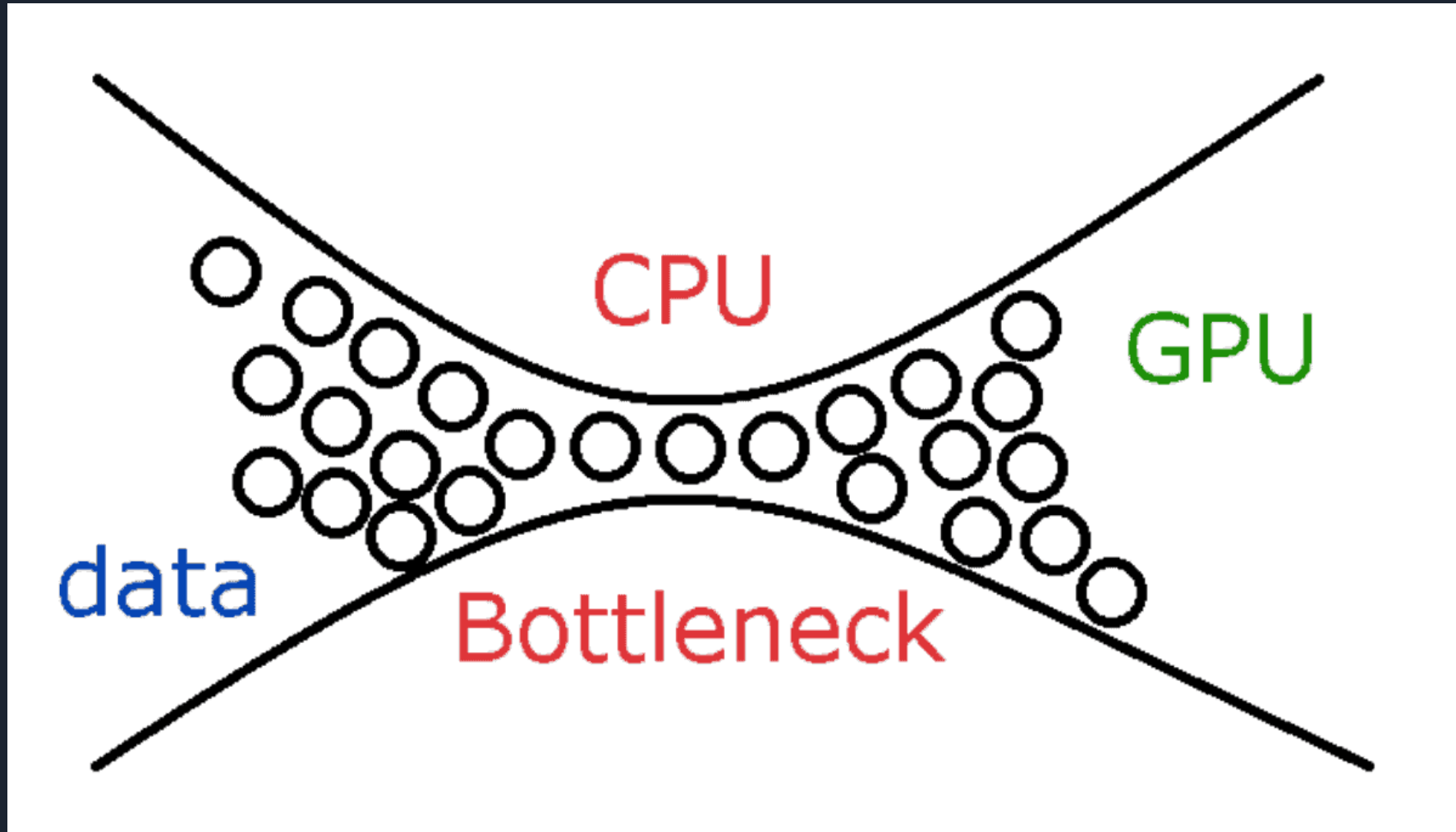
Train model problems
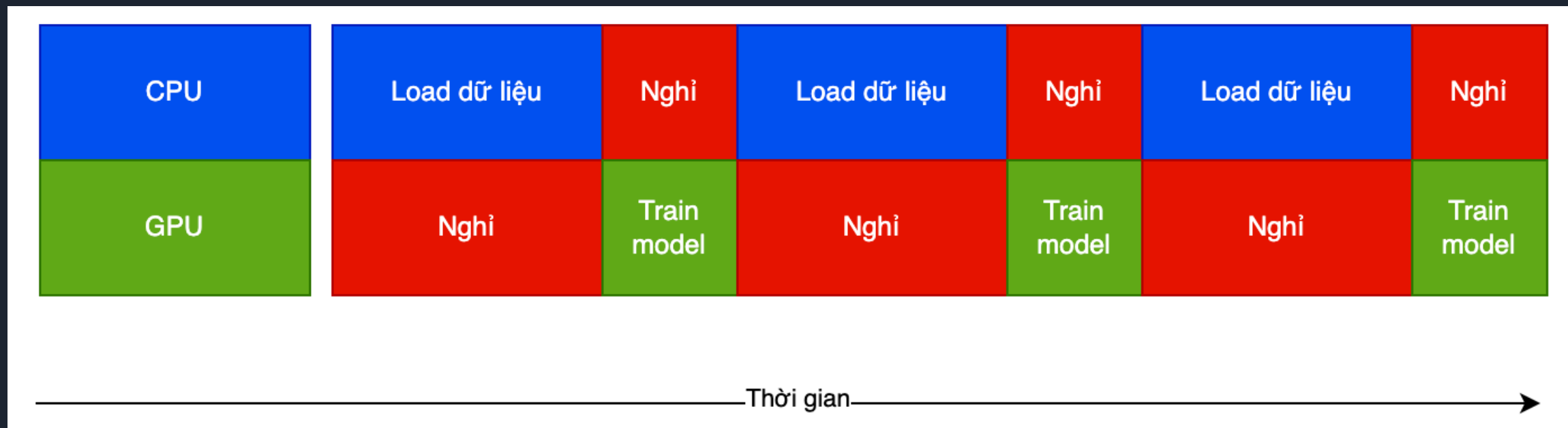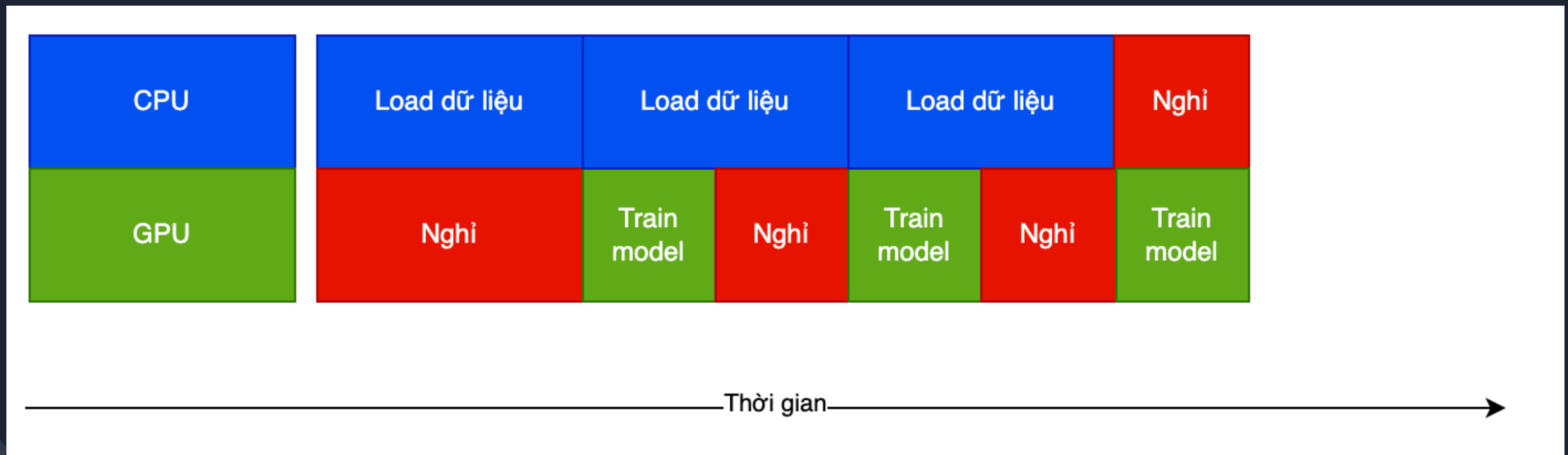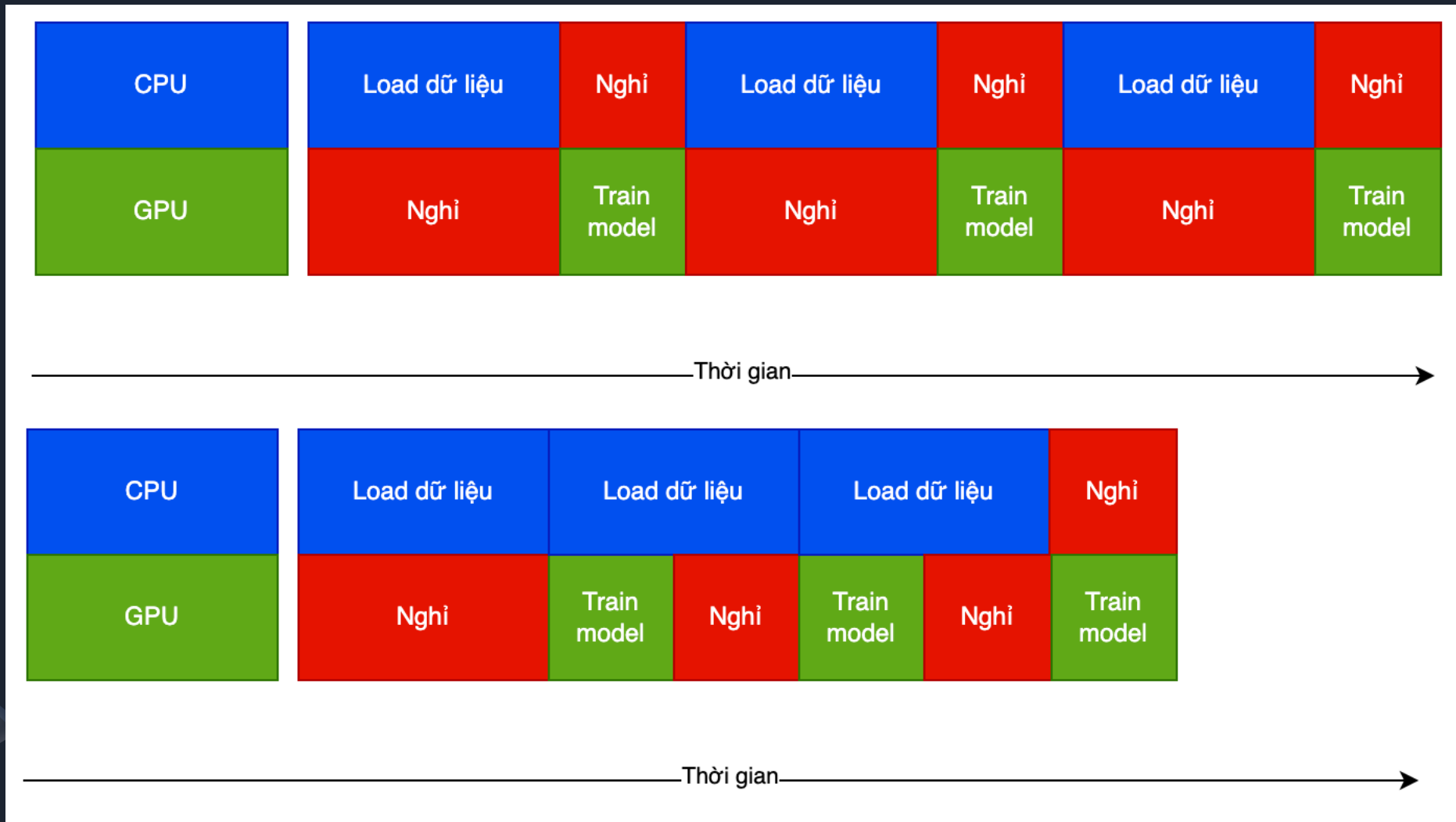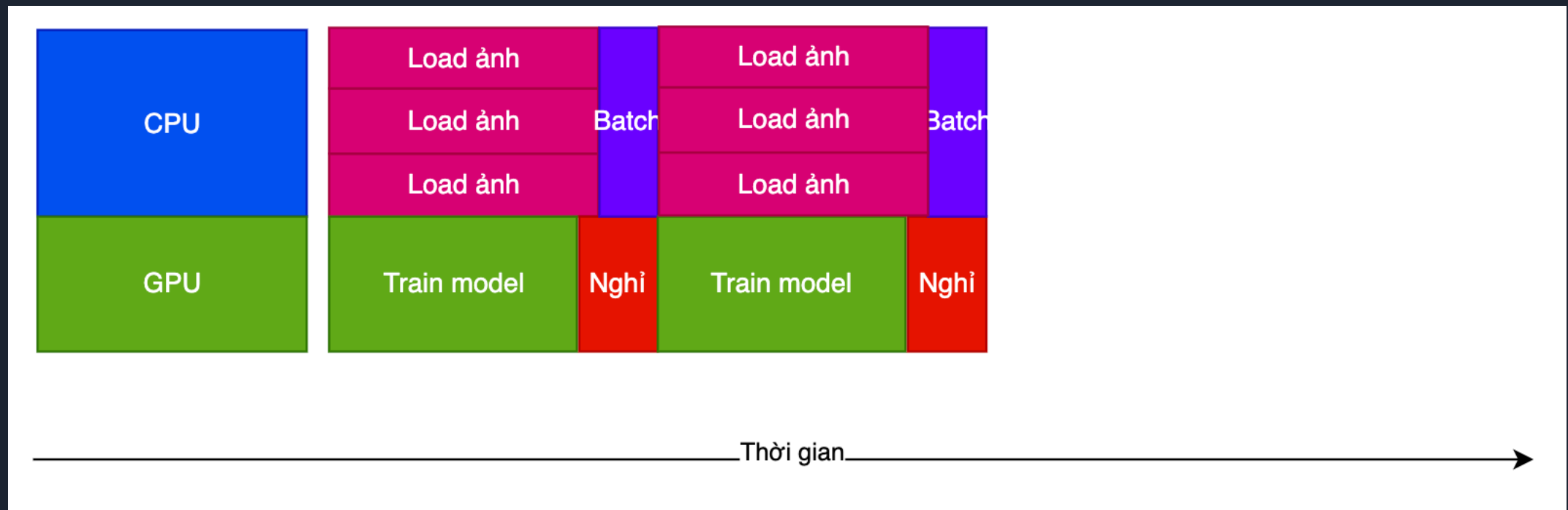
Reason

Reason

Solutions

Solutions

Solutions

TF.data

The tf.data API enables you to build complex input pipelines from simple, reusable pieces.

For example, the pipeline for an image model might aggregate data from files in a distributed file system, apply random perturbations to each image, and merge randomly selected images into a batch for training.

The pipeline for a text model might involve extracting symbols from raw text data, converting them to embedding identifiers with a lookup table, and batching together sequences of different lengths.

The tf.data API makes it possible to handle large amounts of data, read from different data formats, and perform complex transformations.

TF.data

- tf.data.Dataset.from_tensor_slices

- tf.data.Dataset.zip

- tf.data.TFRecordDataset

- tf.data.TextLineDataset

https://www.tensorflow.org/guide/data

Handons

- Colab

- Laptop